

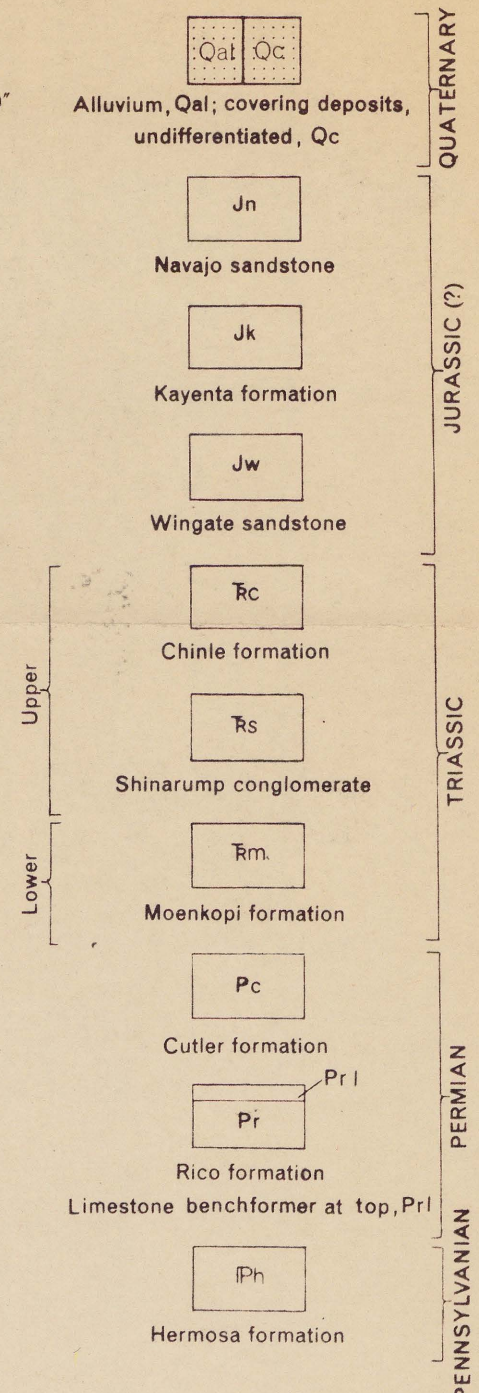
DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE  
ATOMIC ENERGY COMMISSION

PHOTOGEOLOGIC MAP, CARLISLE-2  
UTAH - SAN JUAN COUNTY

TRACE ELEMENTS MEMORANDUM REPORT 667  
R. 21 E. 109° 37' 30"

EXPLANATION



Contact  
Can be accurately located within 30 feet horizontally

Contact  
Can be approximately located within 30 to 200 feet horizontally

Contact  
Cannot be located accurately; probable error greater than 200 feet

Probable or doubtful contact

Fault  
Dashed where approximately questioned where probable; U, upthrown side; D, downthrown side.

Anticline  
Showing trace of axial plane and direction of plunge

Strike and dip of beds  
Based on field measurement

Strike and dip of beds  
Computed by photogrammetric methods

Approximate strike and dip of beds  
Based on photo-interpretation

Inferred strike and dip of beds  
Based on photo-interpretation of areas where bedding is obscure

Conspicuous resistant bed within a formation  
May be traceable only locally

Strike of approximately vertical joints  
Based on photo-interpretation

Uninterpretable linear feature on photograph  
May be geologically significant

Abandoned oil well

County boundary

Primary road Secondary road

Note: The information on this map represents a photogeologic interpretation of newer (1952) and better quality photographs than were available for adjoining maps. Therefore some contacts, geographic features, and structural axes do not join those shown on Moab 15 and Carlisle 1 and 3.

The limestone benchmarker at the top of the Rico formation is the so-called Shafer limestone. As it was included in the Cutler formation on Moab 15 and Carlisle 3, the contacts do not join those on this map.

The Cutler formation in this map area is believed to consist mostly of the Organ Rock tongue. A small amount of the Cedar Mesa sandstone member is interbedded with it in the lower part of the section.

The position of the northern boundary of San Juan County is based on Utah Annotated Code, 1953.

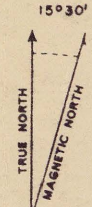


PLANIMETRIC BASE MAP COMPILED BY SOIL CONSERVATION SERVICE.

This map is preliminary and has not been edited or reviewed for conformity with U. S. Geological Survey standards and nomenclature.

4	3	2	1
5	6	7	8
12	11	10	9
13	14	15	16

CARLISLE  
QUADRANGLE

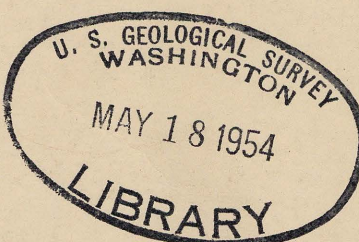


PHOTOGEOLOGY BY J. M. SCOTT  
SCALE 1:24,000  
OCTOBER 1953

Roads as classified in this map series are as follows: Primary roads are maintained and graded, traversable by two-wheel drive vehicles; secondary roads are traversable by four-wheel drive vehicles; trails are not traversable by four-wheel drive vehicles except locally. When other information is lacking, roads are classified by their appearance on aerial photographs.

Stratigraphic column modified from U. S. Geol. Survey Bull. 841, 1933. Geographic and geologic field data from U. S. Geol. Survey Bull. 908 (1940) and Bull. 841 (1933).

Maps of this series have been compiled mainly from photogeologic data but have not been checked in the field; hence they have not had the benefit of thorough evaluation with respect to maps compiled entirely from field data.



Utah (Carlisle 2 quad.). Geol. 1:24,000. 1953.



M(200)  
R290  
no. 54-276  
C. J